

March 27, 2013



Exar Delivers Enhanced 2Amp Step Down PowerBlox™ Voltage Regulator

XRP7674 provides Superior Energy Efficiency for Always-On Applications

FREMONT, Calif., March 27, 2013 /PRNewswire/ -- Exar Corporation (Nasdaq: EXAR), a leading supplier of high performance analog mixed-signal components and data management solutions, today announced the availability of the XRP7674, a new synchronous Pulse Frequency Modulation/Pulse Width Modulation (PFM/PWM) step down voltage regulator with a maximum load current of 2 Amps and operating input voltage up to 18V. This latest addition to Exar's PowerBlox™ family of high voltage, high current step down regulators, provides customers with a compact and integrated solution with improved light load efficiency, achieving better than 90% efficient conversions for output current as low as 50mA.

The XRP7674 is optimized for 5V and 12V inputs and addresses the needs of energy efficient equipment and the latest Energy Star regulations. This includes audio-video equipment such as set-top boxes and gaming systems, telecom, computing peripherals, distributed point-of-load conversions and portable applications where light load efficiency is essential.

"Energy efficient products are not only about energy bill savings, they also run cooler ultimately improving overall reliability and operation," said Eric Pittana, director of marketing, Power Product Line, Exar. "The XRP7674 delivers excellent efficiency for always on points-of-load over a wide range of currents without the additional costs of other solutions."

Product Information

The XRP7674 is a synchronous current mode PFM/PWM step down (buck) regulator capable of delivering a constant output current up to 2Amps. Reaching up to 95% efficiency, it achieves greater than 85% efficient conversions over a 30mA to 2A load current range. The XRP7674 operates at a fixed 340 kHz switching frequency, with output voltage adjustable down to 0.925V with +/- 2% accuracy across the entire operating range. A dedicated enable pin and programmable soft start provide design flexibility for any point-of-load supply. Built-in current limit, output over voltage and thermal shutdown protection provide the XRP7674 with fail-safe operations.

The XRP7674 offers a package equivalent upgrade to Exar's popular XRP7664.

Product Availability

The XRP7674 is available now and customers can purchase the product through

authorized distributors or by going to the Exar website and selecting "[order samples](#)". The XRP7674 comes standard in a RoHS compliant, Halogen Free 8-Pin SOIC Package. Pricing for the XRP7674, in 1,000 unit quantities, starts at \$0.89 per unit.

Additional Information

Additional information on the XRP7674 is available [online](#).

Additional information on Exar's power management products is also available [online](#).

About Exar

Exar Corporation designs, develops and markets high performance, analog mixed-signal integrated circuits and advanced sub-system solutions for the Networking & Storage, Industrial & Embedded Systems, and Communications Infrastructure markets. Exar's product portfolio includes power management and connectivity components, communications products, and network security and storage optimization solutions. Exar has locations worldwide providing real-time customer support. For more information about Exar, visit <http://www.exar.com>.

SOURCE Exar Corporation